

Survey

THE NINETEENTH ANNUAL REPORT

ON THE

Health and Sanitary Condition

OF THE

FRIMLEY URBAN DISTRICT

FOR

1913

BY

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FRIMLEY URBAN DISTRICT.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH FOR 1913.

*To the Chairman and Members of the Frimley Urban
District Council.*

GENTLEMEN,

I beg to submit my Report on the health of your district during 1913.

The area of the district is 7,674 acres. The total population, estimated to the middle of the year, is 14,050, which includes the troops at Blackdown and Deepcut Barracks.

The altitude above sea level varies from 200 feet at Yorktown to 406 feet at the end of the district near "The Jolly Farmer."

The soil consists of sandy gravel overlying the Bagshot sands.

The district is partly Urban, partly Rural, and is a purely residential one—no special industry being carried on.

VITAL STATISTICS.

Births.

The number of Births during the year was 266 (146 males and 120 females), which represents an annual Birth Rate of 18·9 per 1,000 of the population.

Deaths.

The total number of Deaths in and belonging to the district was 107, representing an annual Death Rate of 7·6 per 1,000 of the population, as compared with 8·1 last year, when the number of Deaths was 114.

PULMONARY CONSUMPTION caused six Deaths, which is at the rate of $\cdot 4$ per 1,000.

CANCER contributed 14 deaths—1 per 1,000.

Infantile Mortality.

The number of deaths of Infants under one year was 20, which in proportion to the number of births gives a ratio of 81·6.

Zymotic Death Rate.

Two deaths from Measles, one from Whooping Cough, and one from Diphtheria, which gives a Zymotic Death Rate of $\cdot 2$ per 1,000.

Zymotic Diseases.

1. SMALL POX.—*Nil*.

2. DIPHTHERIA.—Seven cases were notified, four military and three civilian. The military cases were removed by the Military Authorities to their own hospital, and one civilian case was moved to the Farnham Isolation Hospital.

3. SCARLET FEVER.—Fifteen cases of Scarlet Fever were notified, localized as follows :

Camberley and Yorktown	...	7 in 7 houses.
Frimley	...	3 in 2 houses.
Frimley Green and Mytchett...	...	1 case.
Blackdown and Deepcut Barracks	...	4 cases.

4. TYPHOID FEVER.—*Nil*.

5. ERYSIPELAS. Two cases.

6. PUERPERAL FEVER.—*Nil*.

7. PULMONARY TUBERCULOSIS.—Twenty-four cases.

Monthly Summary of Notifications of Infectious Disease.

	Scarlet Fever.	Diphtheria.	Erysipelas.	Pulmonary Tuberculosis.	Total.
January	5	3	—	—	8
February	2	1	—	4	7
March	—	—	—	4	4
April	—	1	1	1	3
May	—	—	1	4	5
June	—	—	—	1	1
July	1	—	—	—	1
August	2	1	—	6	9
September	1	—	—	1	2
October	—	—	—	1	1
November	2	—	—	1	3
December	2	1	—	1	4
Total	15	7	2	24	48

Infectious Disease Enquiries.

Infectious Disease cases are visited as early as possible after notification. In all cases particulars of the sickness and, if possible, its source are obtained from the parent or guardian of the patient, and means taken to secure proper isolation. A card of advice and also abstracts from the Public Health Act, 1875, relative to Infectious Disease are left at each house.

If the patient is a child who attends school, or other children in the house attend school, the school authorities are notified of the presence of Infectious Disease in the house. If the patient is removed to the Isolation Hospital, he or she is excluded from school until further notice, and the exclusion of the other children is requested for fourteen days after the patient's removal. When the patient is nursed at home the children are kept from school until a fortnight after the illness has ceased and the premises disinfected. If the patient is a worker the employer is notified of the fact, and the same preventative measures are adopted in connection with the school children, school cards being forwarded to the school authorities stating when the children may recommence their attendance.

Disinfection.

The disinfection of houses, bedding, &c., where cases of Infectious Disease have occurred has been carried out, as usual, under the supervision of the Sanitary Inspector. The walls and ceilings of the infected rooms have been sprayed with a solution of Formalin or Cyllin, and in most cases afterwards fumigated with Formalin Gas.

Wherever necessary notice has been given to the owners of the infected premises to strip and cleanse the walls, whiten the ceilings, and wash the floor and other woodwork with a suitable disinfectant.

During the year 30 premises, comprising:—11 Scarlet Fever, 3 Diphtheria, 9 Pulmonary Tuberculosis, 4 Cancer and 1 Chicken Pox cases have been disinfected.

The Isolation Hospital at Mytchett has been twice disinfected during the year.

All necessary disinfectants are supplied by the Council free of charge.

New Buildings.

Fifty-six plans have been submitted to the Sanitary Committee for their consideration. This number includes new buildings, alterations and additions to existing buildings, drainage plans, &c. Four of these are plans showing eleven houses for the working classes, including one model cottage to be built on the Isolation Hospital Grounds at Mytchett.

Water Supply.

The Water Supply in the district is obtained from the Frimley and Farnborough Water Company. It is derived chiefly from deep wells at Itchell, near Crondall, and at Greywell, near Odiham. A small proportion is derived from springs in the deep railway cuttings at Frimley Green. The degree of hardness averages 18 degrees, but this is reduced after a process of softening to an average of 9 degrees.

Twelve samples of water from wells supplying 29 cottages have been collected and submitted to a chemical analysis—of these two were found to be unwholesome, and on representation of their condition being made to the owners they were closed and eight cottages connected with public mains.

Three samples of well water and two samples from the Company's mains have been taken and submitted to the Clinical Research Association for analysis. Two of the samples from wells were unfavourably reported upon, and as a result one well supplying a Farm and Dairy has been closed and a supply obtained from the public mains. In the other case action is now being taken to compel the owner to provide a wholesome supply. The reports on the Public Supply were satisfactory.

During the year 45 premises have been connected to the Company's mains.

Statement of Rainfall for the Year 1913.

MONTHLY TOTALS.				
January ...	...	...	...	2·9 inches.
February	...	...	...	0·885 „
March ...	...	...	...	2·198 „
April ...	...	...	...	1·425 „
May ...	...	...	...	1·576 „
June ...	...	...	...	0·74 „
July ...	...	...	...	1·94 „
August ...	...	...	...	1·62 „
September	...	...	...	2·53 „
October ...	...	...	...	4·36 „
November	...	...	...	2·22 „
December	...	...	...	1·3 „
Total Rainfall ...				23·694 inches.

I am indebted for the above statement to the Manager of the Frimley and Farnborough Water Company.

Dairies, Cowsheds and Milkshops Order.

The Regulations under the above Order came into force in August, 1903. At the commencement of the year there were 32 names on the register; since then three names have been added—making a total of 35 who occupy premises registered under this Order.

Of this number 10 are cowkeepers and milksellers; six are cowkeepers who sell their milk wholesale; four do not sell their milk; seven are dairymen residing within the district; and eight are dairymen who retail milk within the district but reside outside.

The premises have been kept under constant supervision and were usually found in good order. A sample of the well water supplying one farm and dairy was collected and submitted to the Clinical Research Association for analysis. The report was very unfavourable, and the well has been closed and the premises connected with the Public Supply. Two old cowsheds at the same premises are now being altered to comply with the Regulations.

The cows have been inspected by the Council's Veterinary Surgeon twice during the year, who has notified two animals as suffering from acute tuberculosis and one sample of milk as containing tubercle bacilli—in each case the animal was destroyed.

The number of cows in the district is 188.

Slaughter Houses.

There are six Slaughter Houses in the district. Two are registered slaughter houses and four are licensed. The Inspector paid 61 visits to these premises, the requirements of the Bye-laws being well maintained.

On no occasion has there been reason to suspect the quality of the meat.

Food Inspection.

Frequent visits have been paid during the year to the shops and premises where articles of meat, food, etc., are exposed or are prepared for sale.

The attention of the Inspector was called by a fish salesman to the condition of a case of mackerel. They were found on examination to be unfit for human consumption and were surrendered and destroyed.

Practically the whole of the pork consumed in the district is brought in dead, and constant supervision is kept on the imported carcasses. The quality is good and no seizure has been made.

Sale of Food and Drugs Acts, etc.

Return of samples analysed during year ended 31st December, 1913, in the Urban District of Frimley.

Articles.	Analysed.	Adulterated or Deteriorated.
Milk	10	2
Cream	4	1
Butter	12	1
Cheese	1	—
Margarine	1	—
Coffee.....	1	—
Cocoa	1	—
Pepper	1	—
Spirits	1	—
Drugs	3	1
Other articles	1	—
Totals.....	36	5

Workshops and Bakehouses.

There are 109 workshops in the district, including 12 bake-houses. The premises have been inspected more or less frequently during the year, careful supervision having been given to bake-houses, tailors' shops and laundries. They were usually found in good order, but when necessary notices have been served upon the occupiers for cleansing and limewashing.

Two notices were received from the Inspector of Factories and Workshops *re* the cleansing of two workshops. The work was carried out as soon as possible and the Inspector notified of the same.

There are no underground bakehouses in the district.

Common Lodging Houses, Cellar Dwellings and Offensive Trades.

There are none in the district.

Housing of the Working Classes.

Houses inspected under Section 17 of the Act of 1909.

Houses inspected	269
Number of houses considered to be in a state so dangerous, or injurious to health, as to be unfit for human habitation	1
Number of representations to Council for Closing Orders	1
Number of Closing Orders made	1
Number of houses demolished...	2
Number of dwelling houses in which defects were remedied without making Closing Orders	119

The following is the general character of defects found to exist :—

Internal walls and ceilings dirty, defective and damp.

Defective floors, insufficient light and ventilation.

External walls defective.

Roofs, eaves-gutters and down-spouts defective.

Insufficient water-closets and defective drains.

Premises without drains; insanitary yards.

Insufficient storage for house refuse.

Tent and Van Dwellers.

There are three encampments of tent and van dwellers in the South Ward, only one being of any size.

Each camp has a suitable water supply and two have suitable sanitary accommodation. In the large camp the sanitary accommodation is not so satisfactory; the conditions, however, arise from the untidy and careless disposition of the occupiers of the land and require frequent inspection.

At certain times during the year the condition of the ground has been very unsatisfactory and has given a great amount of trouble.

At one of the smaller camps a small shed, which was occupied as a sleeping room, has been condemned and since closed.

Public Health Acts Amendment Act, 1907.

During the year application was made to the Local Government Board and an order obtained declaring Section 67 (Provision of Nurses) of the Act to be in force in the district on and after the 15th October, 1913.

Sewerage and Sewage Disposal.

During the year extensions of the Public Sewers have been carried out as follows :—

Knightsbridge Road—Extension of Deepcut Road Sewer to “ Ferndale,” Springfield Road—Woodend Road.

The latter has been constructed by the owner of the property in Woodend Road and has made a much needed improvement.

The Sewage Disposal Works at Yorktown have worked satisfactorily during the year; only one complaint having been received. The effluent throughout the year has been good.

Sewer Connections.

The extensions of the Public Sewer in the South Ward up the Lake Road and Deepcut Road has resulted in a decided improve-

ment in the sanitary condition of the premises in the two roads :— 27 cesspools being abolished and connections made into the sewer.

In both Wards the total number of cesspools abolished during the year is 39. This is all the more gratifying, because the work has, in most cases, been carried out voluntarily.

Scavenging of House Refuse.

The removal of house refuse, for which a weekly call is made at each house, is carried out by direct labour in the North Ward and by contract in the South Ward.

The work in the North Ward has been carried out in a satisfactory manner—complaints being few. In the early part of the year the tip was sold, and this arrangement at first proved unsatisfactory, the surface of the tip being left very rough and untidy ; this was subsequently improved.

The contract in the South Ward changed hands during the year and for a little time complaints were more frequent. This has now been remedied. In both Wards the great difficulty is the lack of sufficient and suitable tips.

Council Schools.

Periodical visits have been made. The health of the children throughout the year has been good—on no occasion has it been necessary to close either of the Schools on account of infectious disease.

Isolation Hospital.

Twelve cases of Scarlet Fever were admitted during the year, all of which were discharged cured.

Sanitary Inspections of the District.

In accordance with the Local Government Board's Order, which requires him to supply this information for inclusion in the Medical Officer of Health's Report, the following tabulated report is inserted here of the number and nature of inspections made by the Sanitary Inspector during the year under review :—

Complaints received and investigated	...	...	28
Houses inspected under Section 17 of the Housing and Town Planning Act	...	...	269
Houses re-inspected under Section 17 of the Housing and Town Planning Act	...	...	121
Visits to works in progress	...	...	1438
Miscellaneous inspections	...	...	27
Inspection of Slaughter Houses	...	...	61

Inspection of Dairies, Cowsheds and Milkshops	...	87
„ Factories and Workshops	...	129
Visits <i>re</i> cases of infectious disease	...	62
Inspection of drains under Section 41 P.H.A.	..	34
Sewer connection inspections	... ..	94
New drainage inspections	... ..	173
Drains tested with water	... ..	145
Drains tested with smoke or air	... ..	36
Total		2704

The following are details of complaints received :—

Stoppage in drains	... ..	7
Premises without sufficient drains	... ..	1
Insanitary yards	.. ...	2
Offensive smells	... ..	9
Offensive accumulations	... ..	1
Overflow cesspools	... ..	3
Defective drains	... ..	2
Nuisance from fowls	... ..	3
Total		28

The above list does not include verbal complaints.

Notices Served.

During the year it has been necessary to serve 122 Preliminary Notices and 21 Statutory Notices—the following being a summary of the same :—

Preliminary Notices	... ..	122
Statutory Notices—Section 36, Public Health Act, 1875, to provide premises with sufficient w.c.'s or dustbin	... ..	2
„ „ Section 41, Public Health Act, 1875, to re-lay house drains	.. ...	2
„ „ Section 23, Public Health Act, 1875, to provide sufficient house drains	... ..	2
„ „ Section 94, Public Health Act, 1875, to abate nuisance	... ..	6
„ „ Section 25, Public Health Act, 1875, to pave yards	... ..	2
„ „ Section 17, Housing Bill, 1909, Closing Order	... ..	1
„ „ Byelaws—Tents, Vans, Sheds	... ..	6
Total		143

Eight of the above Notices have not yet been complied with.

The following gives a list of defects found and remedied during the year by the Sanitary Inspector :—

	No.
Accumulations of offensive matter removed	14
Cesspools abolished	39
Cesspools emptied and cleansed	42
Ceilings repaired and cleansed	9
Concrete laid under floors	2
Drains unstopped, cleansed and repaired	82
Drains ventilated	14
Drains altered and amended	121
Damp walls	5
Dustbins provided	37
Floors repaired	12
Gully traps repaired and provided	7
Inspection chambers repaired	11
Gutters and downspouts fixed	4
Gutters and downspouts repaired	17
Inlet ventilation provided to drains	42
Overcrowding	3
Premises provided with sufficient drains	46
Premises cleansed	27
Premises supplied with water	15
Pedestal water closets fixed	22
Pans and traps repaired	10
Roofs repaired	7
Sinks repaired	5
Soilpipes repaired	7
Water closets erected or repaired	14
„ flushing tanks provided	31
„ flushing tanks repaired	4
Yards paved or repaired	27
	576

Bakehouses.

Bakehouses limewashed	4

In conclusion, my thanks are due to the Members and Officers of the Council for the ready assistance at all times given to me, and particularly to Mr. MASKERY, the Sanitary Inspector, for the able manner in which he has carried out his duties.

I am, Gentlemen,

Your obedient servant,

NEVIL P. CADELL,

*Municipal Buildings,
Camberley,*

Medical Officer of Health.

March, 1914.

Vital Statistics of Whole District during 1913 and previous Years.

Year.	Popula- tion estimated to middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Death.		Nett Deaths belonging to the District.			
		Un- corrected Number.	Nett.		Number.	Rate.	of Non- residents registered in the District.	of Resi- dents not registered in the District.	Under 1 Year of age.		At all Ages.	
			Number.	Rate.					Number.	Rate per 1,000 Nett Births.		
												Number.	Rate.
1908	14,332	270	—	18· 5	92	6·4	5	9	27	100·0	101	7·0
1909	14,984	262	—	17· 4	112	7·4	4	6	15	57·2	118	7·8
1910	13,276	264	—	19· 8	86	6·4	—	7	19	71·9	93	7·0
1911	13,673	248	—	18·13	107	7·8	8	19	22	88·7	118	8·6
1912	13,973	241	268	19· 1	104	7·4	8	18	25	93·2	114	8·1
1913	14,050	245	266	18· 9	91	6·4	6	16	20	81·6	107	7·6

Area of District in Acres
(land and inland
water)

7,674.

Total Population at all Ages

Number of Inhabited Houses

Average Number of Persons per House...

13,673

2,520

4·8

At Census, 1911.

Cases of Infectious Disease notified during the Year 1913.

Notifiable Disease.	Number of Cases Notified.							Total Cases Notified in each Locality.				Total Cases removed to Hospital.
	At all Ages.	Under 1.	1 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	Camberley & Yorktown	Frimley.	Frimley Green and Mytchett.	Military.	
Diphtheria (including Membranous Croup)	7	1	1	2	3	—	—	2	—	1	4	5
Erysipelas	2	—	—	—	—	—	2	2	—	—	—	—
Scarlet Fever	15	—	3	8	2	1	—	9	3	1	2	14
Pulmonary Tuberculosis	17	—	1	3	3	9	1	10	4	3	3	—
Other forms of Tuberculosis	7	—	1	2	3	1	—	4	—	—	—	—
TOTALS	48	1	6	15	11	11	3	27	7	5	9	19

Causes of, and Ages at Death during the Year 1913.

Causes of Death.	Nett Deaths at the subjoined ages of "Residents," whether occurring within or without the District.									Total Deaths whether of "Residents" or "Non-Residents" in Institutions, in the District.
	All Ages.	Under 1 year.	1 and under 2 years	2 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards.	
All causes—Certified ...	106	20	4	4	3	4	15	18	38	11
" Uncertified ...	1	—	—	—	—	—	—	—	1	—
Measles ...	2	1	—	1	—	—	—	—	—	—
Whooping Cough ...	1	1	—	—	—	—	—	—	—	—
Diphtheria and Croup ...	1	1	—	—	—	—	—	—	—	—
Influenza ...	1	—	—	—	1	—	—	—	—	—
Phthisis (Pulmonary Tuberculosis) ...	6	—	—	—	—	1	5	—	—	4
Tuberculous Meningitis ...	3	1	—	1	—	—	—	—	—	—
Other Tuberculous Diseases ...	2	—	1	—	—	—	1	—	—	1
Cancer, malignant Disease ...	14	—	—	—	—	—	—	7	7	—
Organic Heart Disease ...	9	—	—	—	—	—	1	3	5	—
Bronchitis ...	9	—	1	—	—	—	—	1	7	—
Pneumonia (all forms) ...	4	—	—	—	—	1	2	—	1	—
Other Diseases of respiratory organs ...	2	—	—	—	—	—	—	—	2	—
Appendicitis and Typhlitis ...	2	—	—	—	1	—	1	—	—	2
Cirrhosis of Liver ...	2	—	—	—	—	—	—	2	—	—
Nephritis and Bright's Disease ...	1	—	—	—	—	—	—	—	1	—
Congenital Debility and Malformation, including Premature Birth ...	8	8	—	—	—	—	—	—	—	—
Violent Deaths, excluding Suicide ...	6	1	—	1	—	2	1	1	—	3
Suicide ...	3	—	—	—	—	—	1	2	—	—
Other Defined Diseases ...	31	7	2	1	—	—	3	2	16	1
TOTALS ...	107	20	4	4	3	4	15	18	39	11

Infant Mortality.

1913. Nett Deaths from stated causes at various Ages under 1 Year of Age.

Causes of Death.	Period.									Total Deaths under 1 year.
	Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3-6 months.	6-9 months.	9-12 months.	
All causes—Certified	5	—	2	—	7	4	2	3	4	20
Measles	—	—	—	—	—	—	—	—	1	1
Whooping-Cough	—	—	—	—	—	—	—	—	1	1
Diphtheria and Croup	—	—	—	—	—	—	1	—	—	1
Tuberculous Meningitis	—	—	—	—	—	—	1	1	1	1
Convulsions	—	—	—	—	—	—	—	1	—	3
Gastritis	—	—	—	—	—	1	—	—	—	1
Premature birth	5	—	1	—	6	—	—	—	—	1
Atrophy, Debility and Marasmus	—	—	1	—	1	2	—	—	—	6
Other Causes	—	—	—	—	—	1	—	2	—	3
TOTALS	5	—	2	—	7	4	2	3	4	20

Nett Births in the Year

{ legitimate.....	260
{ illegitimate ...	6

Nett Deaths in the Year of

Inspection of Factories, Workshops, and Workplaces.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (including Factory Laundries)	2	—	—
Workshops „ Workshop „	127	2	—
Total	129	2	—

Defects found in Factories, Workshops, and Workplaces.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts :—</i>				
Want of Cleanliness	4	4	2	—
Total	4	4	2	—

Home Work.

Nature of Work.	Lists received from Employers send- ing twice in the year.	
	Lists.	Out- workers.
		Workmen.
Wearing Apparel—Making	6	10
Total	6	10

Registered Workshop.

Workshops on the Register at the end of the year.	Number.
Tailors	12
Dressmakers	9
Bakehouses	12
Builders, Fitters, &c.	23
Bootmakers and Repairers	11
Laundries	6
Other Workshops	36
Total Number of Workshops on Register	109

Other Matters.

	Number.
Action taken in matters referred by H.M. Inspector as remediable under the the Public Health Acts, but not under the Factory and Workshop Acts (s. 5, 1901) :—	
Notified by H.M. Inspector	2
Reports (of action taken) sent to H.M. Inspector	2